

Abstract of the Disclosure

System and method for coating a medical appliance is provided. In accord with one embodiment, a system for applying a coating to a medical appliance having accessible patterned surfaces is provided. The system may include: a processor, an appliance support, and a solenoid type fluid dispensing head having an electromagnetically controlled valve. In the system, the appliance support may be adapted to hold the medical appliance and to provide direct access for a coating to contact the exposed external patterned surfaces of the medical appliance. The solenoid type fluid dispensing head in this system may move with respect to the medical appliance and may be in communication with a source of coating and with the processor. The processor in this system may contain commands that instruct the solenoid type fluid dispensing head to force coating onto the accessible patterned surfaces of the medical appliance in a pattern that correlates with the accessible patterned surfaces of the medical appliance.